Appl. No. 09/482,332
Amdt. Dated November 24, 2003
Reply to Office Action dated May 22, 2003

REMARKS

Reconsideration and allowance are respectfully requested in view of the foregoing amendments and the following remarks.

Claims 1-31 remain in this application.

Claims 1-31 were rejected under 35 U.S.C. §112, first paragraph, as failing to comply with the enabling requirement. The Examiner stated that the analysis generator has not been sufficiently disclosed in the specification. Applicants traverse this rejection. The operation of the analysis generator is described in sufficient detail on pages 12-13 of the specification to enable one skilled in the art to make and use the claimed invention without undue experimentation. Suitable electrical calculation programs used by the analysis generator are known and readily available to those skilled in the art.

Claims 1-31 were rejected under 35 U.S.C. §103(a) as being unpatentable over Huber et al. in view of Righi. Applicants traverse this rejection.

Claim 1 recites: "...an input data generator...a segmentation generator, coupled to said input data generator...an analysis generator, coupled to said segmentation generator...an integrator, coupled to said analysis generator...an output generator, coupled to said integrator." This arrangement of elements is not shown or suggested by either Huber et al. or Righi, taken singly or in combination. Claim 1 is therefore allowable. Claims 2-11 depend from claim 1 and are allowable at least for the same reasons as claim 1.

Claim 1 recites: "...an input data generator...a segmentation generator, coupled to said input data generator...an analysis generator, coupled to said segmentation generator...an integrator, coupled to said analysis generator...an output generator, coupled to said integrator." This arrangement of elements is not shown or suggested by either Huber et al. or Righi, taken singly or in combination. Claim 1 is therefore allowable. Claims 2-11 depend from claim 1 and are allowable at least for the same reasons as claim 1.

Claim 12 recites: "...an input data generator...a segment selector, coupled to said input data generator... to create input data files; a user interface including an operations controller, coupled to said input data files... a sequence organizer, coupled to said input data file and further to additional parametric data storage... a model data translator, coupled to said
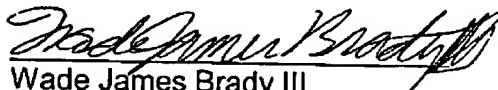
Page 2 of 3

segment data file and further to said operations controller... an analysis generator, coupled to said analysis input storage and further to said operations controller... a model data integrator, coupled to said analysis output files and further to said operations controller... an output generator, coupled to said model data integrator and further to said user interface...." This arrangement of elements is not shown or suggested by either Huber et al. or Righi, taken singly or in combination. Claim 12 is therefore allowable. Claims 13-21 depend from claim 12 and are allowable at least for the same reasons as claim 12.

Claim 22 recites: "...integrating said analysis output files in controlled sequence into a single model file and storing said file in a report storage ...." This feature is not shown or suggested by either Huber et al. or Righi, taken singly or in combination. Claim 22 is therefore allowable. Claims 23-31 depend from claim 22 and are allowable at least for the same reasons as claim 22.

In view of the above, Applicant respectfully requests that a Notice of Allowance be issued in this case.

Respectfully submitted,

Wade James Brady III
Registration No. 32,080
Texas Instruments Incorporated
(972) 917-4371

Page 3 of 3